

METHOD OF IMMOBILIZING A PROTEIN TO A ZEOLITE

Abstract of the Disclosure

The present invention relates to a polypeptide tag and a method using said polypeptide tag sequence for immobilizing a protein on a microporous material, said microporous material is selected from the group consisting of zeolite or similar solid surfaces whereby loss of activity of said protein is less than 10% of the initial activity prior to immobilization, the method comprising the steps of: 1. Selecting a polypeptide tag capable of binding to the surface, 2. Immobilizing said protein by the steps of: attaching said polypeptide tag to the protein, and binding said polypeptide tag to the solid surface where step (a) and (b) is performed simultaneously or sequentially and when performed sequentially, the order of step (a) and (b) is random, subject to the limitation that the polypeptide tag does not consist only of histidine residues.